

## MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/pera/

# DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)

**BOARD AND CODE ADMINISTRATION DIVISION** 

## **NOTICE OF ACCEPTANCE (NOA)**

Trulite Window & Door Solutions, LLC 8130 NW 74<sup>th</sup> Avenue Medley, FL 33166

#### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

## DESCRIPTION: Series "6800" Aluminum Horizontal Sliding Window - N.I.

**APPROVAL DOCUMENT:** Drawing No. **W96-25**, titled "Series 6800 Alum Horizontal Sliding Wdw. (N.I.)" Sheets 1 through 5 of 5, dated 08/01/96 with revision G dated 12/23/11, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

## MISSILE IMPACT RATING: None

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises NOA # 10-0518.10 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.





NOA No. 12-0118.22 Expiration Date: January 23, 2013 Approval Date: March 15, 2012 Page 1

## Trulite Window & Door Solutions, LLC

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

## A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No. **W96-25**, titled "Series 6800 Alum Horizontal Sliding Wdw. (N.I.)" Sheets 1 through 5 of 5, dated 08/01/96 with revision G dated 12/23/11, prepared by Al-Faroog Corporation, signed and sealed by Javad Ahmad, P.E.

## B. TESTS

- 1. Test reports on: 1) Air Infiltration Test as per TAS 202-94
  - 2) Uniform Static Air Pressure Test as per TAS 202-94
  - 3) Water Infiltration Test as per TAS 202-94
  - 4) Forced Entry Test, per AAMA 1302.5, FBC TAS 202

along with installation diagram and marked-up drawings of a specimen 72" x 63" (XO) aluminum horizontal sliding window w/ 3/16" temp glass, prepared by Hurricane Engineering & Testing Inc., No. **HETI-06-4008**, dated 12/08/06, signed and sealed by Rafael E. Droz-Seda, P.E.

## (Submitted under previous NOA#09-0316.08)

- 2. Test reports on: 1) Air Infiltration Test as per TAS 202-94
  - 2) Uniform Static Air Pressure Test as per TAS 202-94
  - 3) Water Resistance Test as per TAS 202-94
  - 4) Forced Entry Test as per AAMA 1302.5, FBC TAS 202 along with installation diagram and marked-up drawings of a specimen 96" x 60" (XOX) aluminum horizontal sliding window w/ 3/16" temp glass, prepared by Hurricane Engineering & Testing Inc., No. **HETI-06-4009**, dated 12/08/06, signed and sealed by Rafael E. Droz-Seda, P.E.

(Submitted under previous NOA#09-0316.08)

#### C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC-2007 and FBC-2010, dated 02/24/09 and updated on 01/04/12, prepared, signed and sealed by Humayoun Farooq, P.E.
- 2. Glazing complies with ASTM E1300-04

## D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

Manuel Perez, P.E. Product Control Examiner

NOA No. 12-0118.22 Expiration Date: January 23, 2013 Approval Date: March 15, 2012

## Trulite Window & Door Solutions, LLC

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

## E. MATERIAL CERTIFICATIONS

1. None.

#### F. STATEMENTS

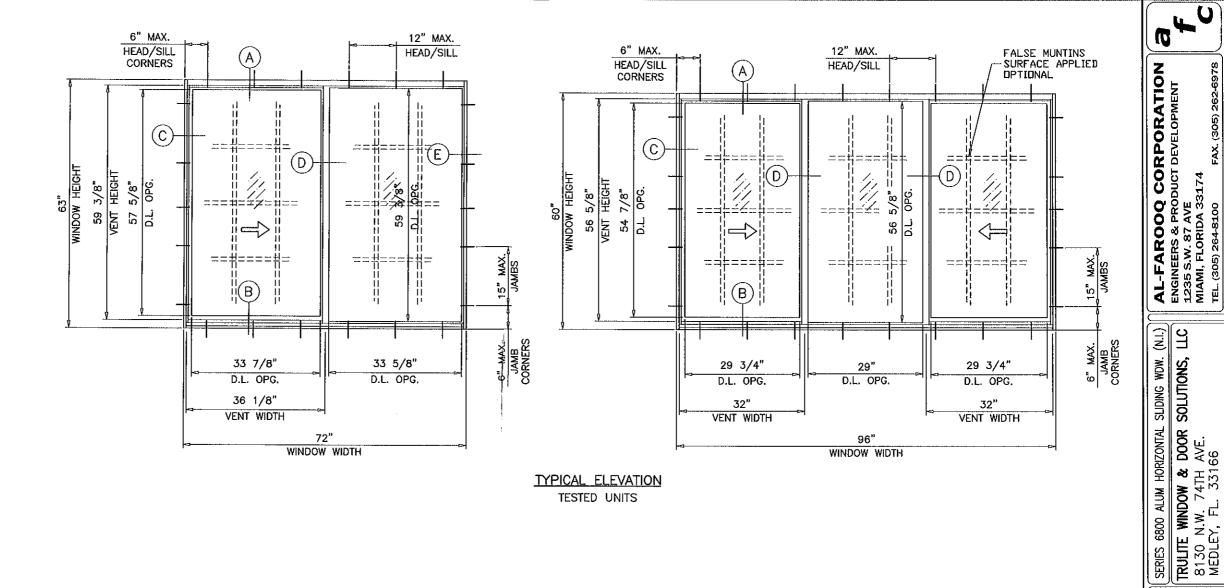
- 1. Statement letter of conformance, complying with the FBC-2010, and of no financial interest, dated January 4, 2012, signed and sealed by Javad Ahmad, P.E.
- 2. Florida Dept of State, listing of Trulite Window & Door Solutions, LLC (Foreign Limited Liability Co.), managed by Arch Intermediate Holding, LLC, Tamarac, Fl., dated 02/03/10.
- 3. Certificate of registration of name change from "Trulite Residential Windows, LLC" to "Trulite Window & Door Solutions, LLC" issued by State of Delaware on 10/28/11, signed by J.W. Bullock.
- 4. Certificate of registration of name change from "Arch Windows, LLC" to Trulite Residential Windows, LLC" issued by State of Delaware on 07/27/11, signed by J.W. Bullock.
- 5. Florida Department of State, listing of Arch Window, LLC (Foreign Limited Liability Co.), managed by Arch Intermediate Holding, LLC, Tamarac, Florida, dated 01/22/10.
- 6. Certificate of registration of Arch Windows, LLC (Delaware) in State of Florida dated 02/04/10, managed by Arch Intermediate Holding, LLC.

#### G. OTHER

1. Notice of Acceptance No. 10-0518.10, issued to Arch Windows, LLC dba AWP, for their Series "6800" Aluminum Horizontal Sliding Window – N.I., approved on 08/25/10 and expiring on 01/23/13.

Manuel Perez, P.E. Product Control Examiner NOA No. 12-0118.22

Expiration Date: January 23, 2013 Approval Date: March 15, 2012



### SERIES 6800

## ALUMINUM HORIZONTAL SLIDING WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE HORIZONTAL SLIDING WINDOWS, ALSO COMBINATIONS OF H.S./H.S. OR HORIZONTAL SLIDING WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

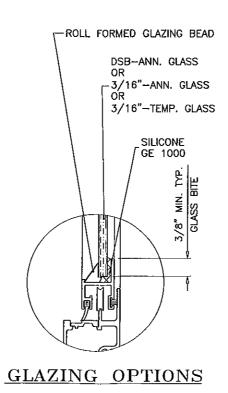
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.



WINDOWS NOT RATED FOR IMPACT.

INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.

INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

> MONOLITHIC GLASS NON IMPACT

Engr: JAVAD AHMAD CIVIL FLA. PE # 70592 C.A.N. 3538

PRODUCT REVISED as complying with the Florida
Building Code
Acceptance No 12-0118.22
Expiration Date Tan. 23, 2013

By Manual Manual Manual Date Miami/Dade Product Control

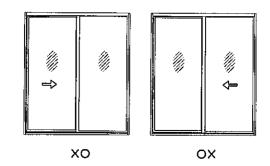
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drawing no. W96 - 25

sheet 1 of 5

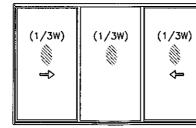
DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)								
WINDOW DIMS. A		DSB ANN	I. GLASS	3/16" ANN. GLASS		3/16" TEMP, GLASS		
WIDTH	HEIGHT	_ ^	A		INT.(-)	EXT.(+)	INT.(-)	
24"		3	60.0	125.0	60.0	210.0	60.0	210.0
36"	1	3	60.0	125.0	60.0	210.0	60.0	210.0
48"	24"	4	60.0	104.1	60.0	196.9	60.0	210.0
60"		5	60.0	84.7	60.0	156.9	60.0	210.0
72"		6	60.0	66.9	60.0	127.4	60.0	210.0
24"		3	60.0	125.0	60.0	210.0	60.0	210.0
36"		3	60.0	79.7	60.0	163.5	60.0	179.6
48"	36"	4	60.0	68.6	60.0	126.2	60.0	151.6
60"		5		_	60.0	102.8	60.0	138.6
72"		6	_	-	60.0	85.6	60.0	134.7
24"		3	60.0	66.2	60.0	157.7	60.0	173.2
36"		3	45.5	45.5	60.0	113.2	60.0	124.4
48"	48"	4		<u>-</u>	60.0	88.8	60.0	101.0
60"		5	-	_	60.0	73.5	60.0	88.2
72"		6	-	_	60.0	66.3	60.0	80.8
24"		3	33.6	33.6	60.0	122.6	60.0	134.7
36"		3	_		60.0	86.6	60.0	95.1
48"	60"	4	_		60.0	69.0	60.0	75.8
60"		5	-	<b>.</b>	54.5	54.5	60.0	64.7
72"		6	-	-		-	53.6	53.6
72"	63"	6		-	_	-	50.0	50.0
26-1/2"		3	60.0	125.0	60.0	210.0	60.0	210.0
37"	26"	4	60.0	122.1	60.0	210.0	60.0	210.0
53-1/8"	20	5	60.0	88.4	60.0	161.7	60.0	210.0
74"		7	60.0	62.7	60.0	113.7	60.0	210.0
26-1/2"		. 3	60.0	110.4	60.0	188.9	60.0	207.5
37"	38-3/8"	4	60.0	71.8	60.0	147.5	60.0	162.0
53-1/8"	30-3/0	5	-		60.0	106.6	60.0	131.0
74"		7	-		60.0	78.3	60.0	118.7
26-1/2"	50-5/8"	3	51.2	51.2	60.0	136.3	60.0	149.7
37"		4	37.7	37.7	60.0	103.8	60.0	114.0
53-1/8"		5		_	60.0	74.8	60.0	88.0
74"		7	_	-	60.0	61.4	60.0	73.4
26-1/2"		3	26.3	26.3	60.0	106.4	60.0	116.9
37"	63"	4	-	-	60.0	79.9	60.0	85.2
53-1/8"		5	-	-	57.9	57.9	59.6	61.6

A = NO. OF ANCHORS PER HEAD & SILL



DESIGN LOAD CAPACITY - PSF (XOX SIZES)							
WINDOW DIMS.		A	3/16" ANN. GLASS		3/16" TEMP. GLASS		
WIDTH	HEIGHT	,	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	
72"		6	60.0	197.9	60.0	210.0	
84"	0411	7	60.0	169.7	60.0	210.0	
96"	24°	8	60.0	146.7	60.0	206.9	
108"		9	60.0	127.9	60.0	203.6	
72"		6	60.0	126.8	60.0	151.6	
84"	36"	7	60.0	110.1	60.0	141.7	
96"	36	8	60.0	96.8	60.0	136.4	
108"		9	60.0	85.9	60.0	134.7	
72"		6	60.0	89.3	60.0	101.0	
84"	48"	7	60.0	77.1	60.0	91.7	
96"	46	8	60.0	71.0	60.0	85.3	
108"		9	60.0	66.4	60.0	80.8	
72"	60"	6	60.0	69.0	60.0	75.8	
84"		7	58.2	58.2	60.0	67.8	
96"		8	52.4	52.4	60.0	62.0	
74"		7	60.0	174.7	60.0	210.0	
106-1/4"	26"	9	60.0	120.3	60.0	193.5	
111"		10	60.0	114.2	60.0	204.6	
74"		7	60.0	114.2	60.0	135.9	
106-1/4"	38-3/8"	9	60.0	82.7	60.0	119.3	
111"		10	60.0	78.7	60.0	118.7	
74"	50-5/8"	7	60.0	81.4	60.0	92.4	
106-1/4"		9	60.0	63.0	60.0	74.9	
111"		10	60.0	61.6	60.0	73.4	
74"	63"	7	60.0	61.7	60.0	65.7	

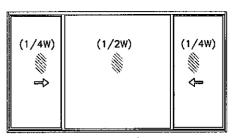
A = ND. OF ANCHORS PER HEAD & SILL



OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH XOX

	DESIGN LOAD CAPACITY - PSF (XOX SIZES)						
WINDOW DIMS.		_ A ]	3/16" ANN. GLASS		3/16" TEMP. GLASS		
WIDTH	HEIGHT	•	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	
72"	24"	6	60.0	134.3	60.0	210.0	
84"		7	60.0	111.0	60.0	210.0	
96"		8	60.0	95.2	60.0	206.9	
108"		9	60.0	85.2	60.0	203.6	
72"	36"	6	60.0	88.8	60.0	148.5	
84"		7	60.0	78.3	60.0	146.6	
96"		8	60.0	68.4	60.0	142.0	
108"		9	59.0	59.0		-	
72"	48"	6	60.0	68.1	60.0	98.0	
74"	26"	7	60.0	119.7	60.0	210.0	
106-1/4"		9	60.0	76.5	60.0	193.5	
111"		10	60.0	73.1	60.0	204.6	
74"	38-3/8"	7	60.0	82.3	60.0	137.0	
74"	50-5/8"	7	60.0	62.8	60.0	89.3	

A = NO. OF ANCHORS PER HEAD & SILL



OPERATING VENTS TO BE 1/4 OF THE WINDOW WIDTH XOX

Engr: JAVAD AHMAD CIVIL FLA. PE # 70592 C.A.N. 3538

JAN 1 1 2012

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0118.2
Expiration Date 1501.23

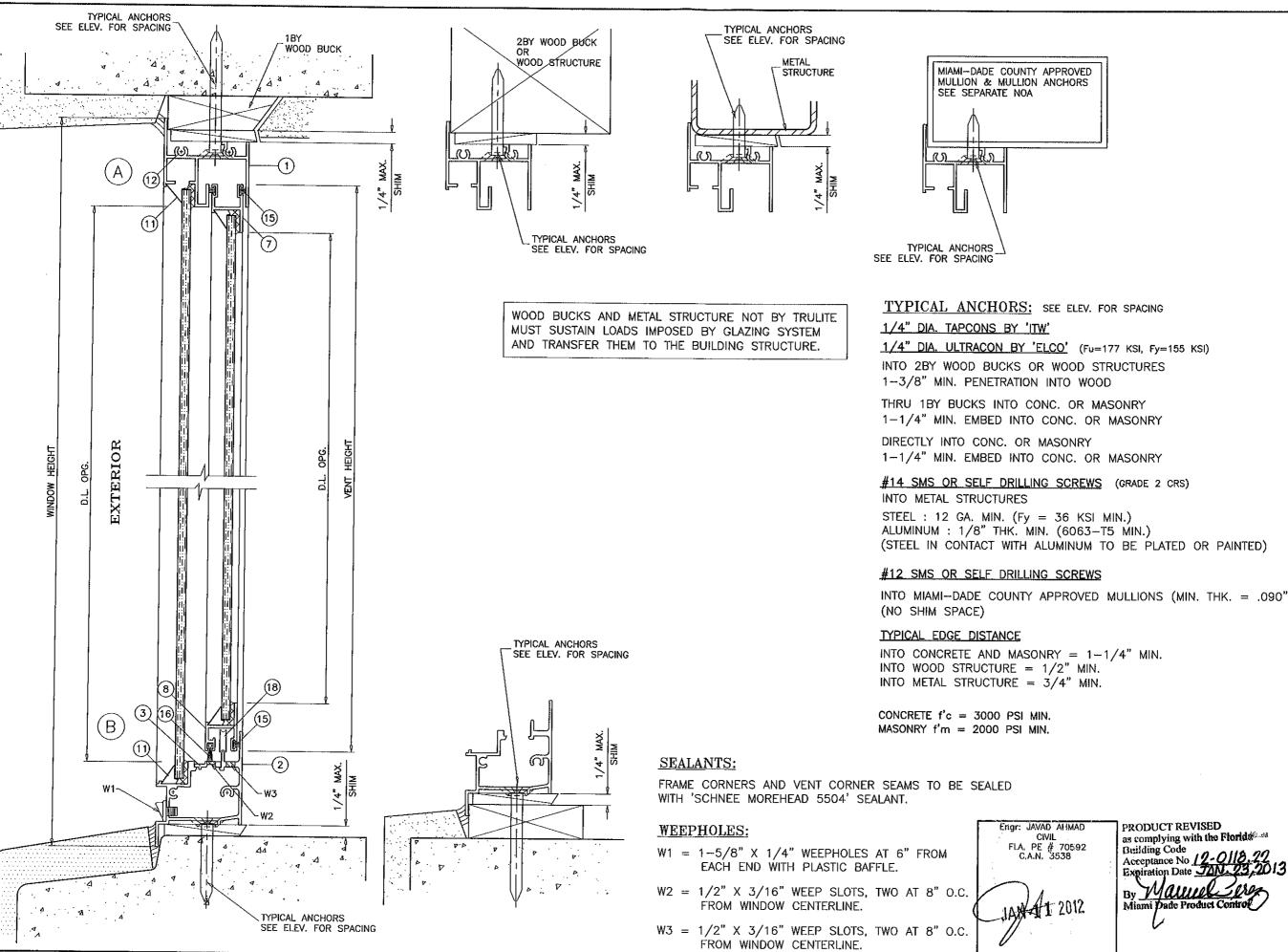
drawing no. W96-25 sheet 2 of 5

08-01-96

| SERIES 6800 ALUM HORIZONTAL SLIDING WDW. (N.I.) | TRULITE WINDOW & DOOR SOLUTIONS, LLC 8130 N.W. 74TH AVE. | MEDLEY, FL. 33166 | TEL. (305) 887-2646 FAX (305) 883-1309 |

FAX (305)

GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219



TRULITE WINDOW & DOOR S 8130 N.W. 74TH AVE. MEDLEY, FL. 33166

drawing no.

W96 - 25

sheet 3 of 5

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")

